

### **Abstract of the Disclosure**

Disclosed is a system that permits a variable number of disparate streams of data to be packaged together as content into a single distinct program referred to as an omnimedia package. A framework definition may be specified and created for the omnimedia package to allow a client set top box to decode the information and provide access to streams comprising video, audio and metadata information. The framework definition may be employed by a broadcast system to create a broadcast stream. A mechanism is described that permits a content provider to define a framework for delivering a package of related content. The framework definition encapsulates information necessary to build, format, transmit and display the disparate content streams. Data may be downloaded to a receiver prior to the broadcast of an associated program. The present invention may be implemented on terrestrial, cable, satellite, VDSL and other transport systems, including those that support upstream communication.